

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/000072

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61B1/005

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B H01L G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08, 6 October 2000 (2000-10-06) & JP 2000 135288 A (TOHOKU DENSHI SANGYO KK;MARUYAMA SHIGENAO), 16 May 2000 (2000-05-16) cited in the application abstract	1-16
A	US 5 624 380 A (YAMAGUCHI TATSUYA ET AL) 29 April 1997 (1997-04-29) cited in the application the whole document	1-16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

28 June 2004

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06/07/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ABADIE J ET AL: "An integrated shape memory alloy micro-actuator controlled by thermoelectric effect" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 99, no. 3, 5 June 2002 (2002-06-05), pages 297-303, XP004361696 ISSN: 0924-4247 the whole document</p>	<p>1-9, 13-16</p>
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21, 3 August 2001 (2001-08-03) &amp; JP 2001 112796 A (MARUYAMA SHIGENAO; TOHOKU DENSHI SANGYO KK), 24 April 2001 (2001-04-24) abstract</p>	<p>1-9</p>

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2000135288 A	16-05-2000	NONE	
US 5624380 A	29-04-1997	JP 5253172 A	05-10-1993
		JP 5253174 A	05-10-1993
		JP 5253170 A	05-10-1993
		US 5679216 A	21-10-1997
JP 2001112796 A	24-04-2001	NONE	